

Peculiarities of Anodic Oxidation on Germanium,
by E. A. Efimov, I. G. Erusalimchik, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXVIII, No 1,
1959, pp 124-126.

Consultants Bureau

Sci

Aug 60

126,687

Free Radical Reactions in Solutions. IX.
Dimethyldiphenyldiphenyltetrazene and Tetra-
methyltetrazene as Sources of Free Radicals
with a Reaction Center on the Nitrogen Atom,
by B. L. Erusalimsky, B. A. Dolgoplosk, A. P.
Kavunenko, 4 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol 27, No 1,
1957, pp267-270.

Consultants Bureau

Sci - Chem

Jun 58

65,369

Free Radical Reactions in Solutions. XVIII. The
Relative Activity of Free CH_3 and $(\text{CH}_3)_3\text{CO}$ Radicals
in the Removal of a H Atom from Hydrocarbons,
by V. Ya. Bogdanov, B. L. Krusalskiy, et al,
6 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXXI, No 8,
1961, pp 2675-2681.

CB

205,282

Sci
Jul 62

The Cage Effect and the Thermal Stability of
Polymers, by B. A. Dolgoplosk, B. L. Brusilimskiy.
E. B. Milovskaya, G. P. Belonovskaya, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXX, No 4,
1958, pp 783-788.
5

Consultants Bureau

Sci. - Chem

Jun 59

88,770

Generation of Free Radicals in Solutions
and their Reactions in Model Systems, by
B. A. Dolgoplosk, B. L. Erusalimsky,
E. I. Tityakova, 12 pp.

RUSSIAN, par, Iz Ak Nauk SSSR, Otdel Khim Nauk,
No 4, 1958, pp 469-481.

Consultants Bureau

Sci - Chem

Apr 60

112,288

Abstract of
Free Radicals and Unsaturated Compounds in Poly-
merization, by B. L. Erusalimsky, B. A. Dolgoplosk,
E. B. Milovskaya, A. P. Kavunenko

High Polymers Institute, Acad. Sci., USSR

CIA/FDD X-2731

Reactions of Free Radicals in Solutions. Communication 15. Mechanism of the Degradation of Polymers Under the Action of Free Radicals, by B. A. Dolgoplosk, B. L. Erusalimskiy, 5 pp

RUSSIAN, per, Iz Ak Nauk SSSR, Otdel Khim Nauk, No 2, 1960, pp 311-316

CB

Sci
Apr 61

145,389

Reaction of Free Radicals in Solutions. Communication
8. Reactions of Free 1-Cyano-1-Methylethyl and
Methyl Radicals with 1-Heptene, α -Methylstyrene,
and Isobutene, by E.B. Milovskaya, B.A. Dolgoplosk,
B.L. Brusilinsky, pp 12.

RUSSIAN, per, Iz Ak Nauk SSSR, Otdel Khim Nauk,
No 4, 1957, pp 494-502.

Consultants Bureau

Sci - Chem

May 59

87,213

The Mechanism of the Protection of Metals
from Oxidation, by M. S. Beletskiy, M. I.
Brusilimskiy, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXIII,
No 5, 1960, pp 1122-1124.

CB

Sci

Apr 61

149,147

The REactions of Free Radicals in Solution. The Interaction of Free Radicals with Internal and External Double Bonds, by E. B. Milovskaya, B. L. Erusalimskiy, B.A. Dolgoplosk, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXX, No 2, 1958, pp 336-338.

Consultants Bureau

Sci - Chem

22/6/59

90,024

Thermal Decomposition of the TRIENES in various
Media, by I. M. Romanov, B. A. Dolgoplosk, B. L.
Erusalimsky, 5 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol CXII,
No 4, Jan/Feb 1957, pp 703-705.

Consultants Bureau

Sci - Chemistry
Dec 57

56,841

Erusalimskii, N. D.

ON THE LAWS OF GROWTH AND DEVELOPMENT
OF MICROORGANISMS. [1962] [33]p. 26 refs.

Free copies available from Boeing Scientific Research
Labs. Library as Boeing Trans. R37. When supply is
exhausted, order from OTS or SLA \$3.60, 62-18851

Trans. of A[kademiya] N[auk] SSSR. Institut Mikro-
biologii. Trudy, 1959, v. 6, p. 20-37.

DESCRIPTORS: *Microorganisms, *Bacteria, Growth,
Reproduction, Mathematical analysis, *Culture media,
Population, Control, *Germ-free atmospheres.

The most important indices of growth of microbe cul-
tures in stationary and circulating media were exam-
ined and formulas were adduced for the calculation of
the growth rate, the size of the biological mass of the
culture, and the duration of a generation. A charac-
terization of the development of separate microbe in-
(Biological Sciences--Microbiology, TT, v. 9, no. 4)
(over)

62-18851

- I. Erusalimskii, N. D.
- II. Boeing Trans-R37
- III. Boeing Scientific Research
Labs., Seattle, Wash.

0227754

Office of Technical Services

Adjustment and Repairs of Clock-Type Indicators,
by A. V. Brvovis, 4 pp.

RUSSIAN, per, Izmeritel Tekh, No 3, 1960,
pp 507.

ISA

Sci

Feb 6a

138,057

Repairs of Lever Micrometers, by A. V. Ervais,
4 pp.

RUSSIAN, per, Izmeritel Tekh, No 9, 1959,
pp 21-23.

Instru Soc of Amer

Sci

Sep 60

124,641

New End-Type Length Measuring Machines, by A. V.
Ervaia, 6 pp.

RUSSIAN, per; Izmeritel'naya Tekh, No 7, 1959,
pp 48-53.

Instru Soc of Amer

Sci

Jul 60

120,757

Frame for a Chair Bottom and Method for Manufac-
turing Such a Frame, by , J.G.J. Erven, 8 pp.
BELGIAN, Patent No 565,164.
Dept of Commerce
Patent Office

125

J. G. J. ERVEN

Sci Mech Eng
July 67

332,112

Paper Industry, by G. Kwall,
Knut Ljunggren, 10 pp.

SWEDEN, par, Teknisk Tidskrift,
Vol LXXIX, No 34, 1959, pp 877-884.

SLA 60-18196

Sci
Vol. IV, No 11
Jun 62

199, 2/2

109
Use of Radioactive Isotopes in the Mining and the
Iron and Steel Industries, by L.-G. Ernell.
SWEDISH, pub. Jernkont. Ann. Vol 142, No 7, 1958.
pp 369-397.
RISI 985

Sci-Mat
Feb 68

L. G. Ernell

349.026

Toward the Etiology of Malignant ~~Ex~~ Tumors,
by F. Kogel, H. Erzleben, 51 pp.

GERMAN, per, Z Physiol Chem, Vol CCLVIII, No 2/3,
1939, p 57.

SLA Tr 57-404

Sci - Med
Jul57

49,967

The Relationship of Root Structure in Rice to Water
Conditions in the Soil, by P. S. Erygin, O. N. Ryabchun,
3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol. CXV, No 5, 1957,
pp 1028-1030.

Amer Inst of Phys

Sci - Biology
Apr 58

61, 526

Orientation During Substitution in the Aromatic
Series. V. Isomerization of Dichlorobenzenes,
by A. A. Spryskov, Yu. G. Erykulov, 6 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXIX, No 8,
1959, pp 2798-2803.

Consultants Bureau

Sci

Aug 60

126,764

Orientation in ~~the~~ Aromatic Ring Substitution.
IVI. Isomerization of Dichlorobenzenes, by A. A.
Spryskov, Yu. G. Erykalov, 5 pp.

RUSSIAN, per, Zhur Oshchei Khim, Vol XXVIII,
No 6, 1958, pp 1637-1641.

Consultants Bureau

Sci - Chem
Sep 59

95,791

On the problem of hypoplastic and aplastic anaemias
by F. V. Kurdybailo, O. K. Erykalova, 2 pp.

RUSSIAN, bino per, Problemy Gamatologii i
Perelivaniya Krovi, Vol II, No 3, 1957, pp 14-17.

Pergamon Press

60,019

Sci - Medicine

Mar 58

Synthesis of Chloro-Substituted Copper Phthalocyanines,
by V. P. Borodkin, Yu. G. Erykalov, K. V. Usachova,
4 pp.

RUSSIAN, no per, Zhur Prikl Khim, Vol XXIX, No 10,
Oct 1956, pp 1606-1608.

Consultants Bureau

Sci - Chem

56,475

Dec 57

Quantitative Determination of Dichlorobenzene Isomers,
by A. A. Spryskov, Yu. G. Erykalov, 4 pp.

RUSSIAN, bimo per, Zhur Anal Khim SSSR, Vol XI, No 4,
1956, pp 492-494

Consultants Bureau

Sci - Chemistry
Mar 57

44,869

On the Problem Concerning the Variability of
Brucella, by A. A. Eryshkanova, UNCLASSIFIED

RUSSIAN, no per, Veterinariya, Vol XXXI, No 6,
Jun 1954, pp 24-28.

USDA

Scientific - Medicine

18,645

Ash Utilization - The Current Situation
in Germany, by H. Erythropel.
GERMAN, per Mitt Verein (Irosskesselbesitzer
No. 86, 1963, pp 310-316
SEC

H ERYTHROPEL

Sci -
Aug 67

337-439

100-100000
100-100000

Pneumatic Vertical Transport of Fine Coal to
Great Heights (Pneumatische Seigerförderung
von Feinkohle auf grossen Höhen), by H.
Erythropel.

GERMAN, per, Glückauf, Vol LXXXIX, No 17/18,
1956, pp 485-490.

Nat'l Coal Board Tr A 1304/AL
U. S. Bureau of Mines.
Central Experiment Station
Pittsburgh, Pa.

171,510

Sci - Engr

Oct 61

Capillary Depression in Mercury Vacuum
Gauges, by A. V. Eryukhin and V. A.

Rykov.

RUSSIAN, Issledovaniya v Oblasti
Izmereniya Davleniya Raskhoda i

Vakuumu, 1962, Vol 66, No 126, pp 46-51.

NLL RTS 2545 (On Loan or Purchase)

A. V. Eryukhin

Aug 65

286,456

Capillary Depression in Mercury Vacuum Gauges

Capillary Depression in Mercury (Vacuum) Gauges
by A. V. Eryukhin, V. A. Ryshev.
RUSSIAN, per, Trudy Vsesoyuznyi Nauchno-
Issledovatel'skii institut Metrologii, No 66(126)
1962, pp 46-51.
OTS TT-64-19383

Sept 66

309,785

Testing and Calibration of Electronic Ionization
Pressure Gauges

By A. V. Eryukhin pp 6

RUSSIAN, per, Izmeritel Tekhnika, No 10, 1962
pp 16-19

ISA

Sci

Jul 63

340, 612

On the Problem of Raising the Thermal Breakdown
Potential of Metallized Paper Capacitors, by
Z.V. Eryukhin, 5 pp.

RUSSIAN, per. Zhur Tekh Fiz, Vol XXVII, No 9, 1957
pp 2038-2042.

Amer Inst. of Phys
Sov Phys-Tech Phys
Vol II, No 9

Sci-Phys
Jun 58

65,225

On the Possibility of Prolonged Operation of
Platinum - Palladium Catalyst (1 : 3), by
D. V. Sobol'skiy, M. S. Erzhanova, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXV,
No 1, 1959, pp 101-103.

Consultants Bureau

Sci

119,519

Jun 60

Effect of Adenosinetriphosphoric Acid and Cysteine
on the Contraction of Isolated Frog Heart Poisoned
by Botulinus Toxin, by G. A. Ershina, 4 pp.

RUSSIAN, no per, Byul Eksper Biol i Med, Vol XLII,
No 11, 1956, pp 29-32.

Consultants Bureau

Sci - Med

59,593

Mar 58

Toxin on Frog Heart, by G. A. Erzina, V. V.
Mikhailov, 4 pp.

Full tr

RUSSIAN, no per, Russk. Eksp. Biol. i Med., Vol. XLI
No 2, Feb. 1956, pp 30-32.

Consultants Bureau

Sci - Medicine

For: CIB/dax Jan 1957

42,983

(NY-4856)

The Type GPI-ZU Universal Rolling Cable ~~XXX~~
Carrier, by V. I. Erzyutov, 6 pp.

RUSSIAN, per, Vestnik Svyazi, No 8, 1959.

JPRS 5999

Sci

Feb 61

139, 121

Low Temperature Alkylation of α - and β -Olefins With
Tertiary Alkyl Halides in Presence of Zinc Chloride,
by A. P. Mescheryakov, E. I. Ermyutova, A. D. Petrov,
6 pp.

RUSSIAN, bimo per, Iz Ak Nauk SSSR, Otdel Khim
Nauk, No 1, Jan/Feb 1956, pp 67-73. CIA 542767 C,
reel 3.

Consultants Bureau

Sci - Chemistry

Aug 1956

37,573

A Contribution to the Synthesis of Tertiary Alcohols
Based on Camphor. II, by I. Esafov, N. I. Novikov, 4 pp.

RUSSIAN, no per, Zhur Obsheh Khim, Vol XXVI, No 10,
Oct 1956, pp 2758-2761.

Consultants Bureau

Sci - Chemistry
Mar 58

60,108

61-20152

Esafev, V. I.
HALOGENATION OF UNSATURATED HYDROCAR-
BONS, IV. [1941] 7p. 12 refs.
Order from OTS or SLA \$1.10 61-20152

Trans. of Zhurnal Obshchei Khimii (USSR) 1945,
v. 15, p. 1001-1005.

DESCRIPTORS: *Halogenation, *Hydrocarbons,
Gasoline, Chemical reactions, Chemical bonds,
Ethylenes, Processing.

The Melilnary method for determination of iodine
numbers is recommended for detection of groups with
quaternary carbon atoms at the double bonds of olefinic
and diene hydrocarbons. The content of unsaturated
hydrocarbons with quaternary carbon atoms at the
double bonds in gasolines produced by liquid phase
cracking increases with rise of the boiling range of the
gasoline fraction. An interpretation is offered of the
(Chemistry--Organic, TT, v. 7, no. 7) (over)

I. Esafev, V. I.

197193

Office of Technical Services

57
Acetonation of 9,10,12-Trihydrozystearic
Acids, by V. I. Eshafov,
RUSSIAN, per, Zh. Obshch. Khim., Vol VIII,
1938, pp 1594-1596.
AEC ORNL-tr-1135

Sci-Chem
May 67

326,246

Esafov, V. I. DETERMINATION OF NITROGEN IN ORGANIC COMPOUNDS BY THE KJELDAHL METHOD. 5p (2figs omitted) 3refs Order from OTS, SLA, ETC \$1.10 TT-64-16478 Trans. of Zavod[skaya] Lab[oratoriya] (USSR) 1955, v. 21, no. 10, p. 1160-1163. (Chemistry--Analytical, TT, v. 12, no. 3)	TT-64-16478 I. Esafov, V. I. A2-5129 Office of Technical Services
---	---

61-16911

Esafov, V. I.
QUALITATIVE ANALYSIS OF DIENE HYDROCARBONS WITH CONJUGATED DOUBLE BONDS, III. [1961] 10p.
8 refs.
Order from OTS or SLA \$1.10 61-16911

Trans. of Zhurnal Prikladnoi Khimii (USSR) 1943,
v. 16, p. 283-294.

DESCRIPTORS: Iodine, *Hydrocarbons, *Molecular
structure, Chemical reactions, *Ethylenes,
Halogenation.

Bromination in carbon tetrachloride was shown by
precise data to be a specific reaction only for those
diene hydrocarbons, the molecules of which possess
one, or still better, two side chains attached to the car-
bon atoms of the conjugated system. In the last men-
tioned case the reaction is accompanied by evolution of
considerable amounts of hydrogen bromide and con-
(Chemistry--Physical, TT, v. 6, no. 8) (over)

Office of Technical Services

VIII. Synthesis of Phenylated α,β -Unsaturated
Alcohols and Diene (1, 3) Hydrocarbons, by
V. I. Ezafov, 3 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXIX, No 7,
1959, pp 2129-2131.

CE

Sci

Aug 60

124,667

A Contribution to the Synthesis of Tertiary Alcohols
Based on Camphor. III, by V. I. Esafov, N. I.
Novikov, 11 pp.

RUSSIAN, no per, Zhur Obshch Khim, Vol XXVI, No 10,
Oct 1956, pp 2762-2764.

Consultants Bureau

Sci - Chemistry
Mar 58

60,109

An Investigation of the Thermal Decomposition of
the Reaction Products of Dioxan With Magnesium
Iodide Dietherate, Magnesium Iodide and a
Mixture of Magnesium and Iodine. II. On the
Chemism of Oxonium Compound, by V. I. Isafov. 3 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXVIII,
No 5, 1958, pp 1218-1220.

Consultants Bureau

Sci - Chem

93, 273

Jul 59

An Investigation of the Thermal Decomposition
of Etherates of Magnesium Iodide. I. On the
Chemical of Oxonium Compounds, by V. I. Esaflov,
6 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXVIII,
No 5, 1958, pp 1212-1217.

Consultants Bureau

93, 272

Sci - Chem
Jul 59

The Bromination and Iodination of 1,1-Dialkylbuta-
dienes-1,3. VIII, by V. I. Bazafov, 6 pp.

Full translation

RUSSIAN, no per, Zhur Obshch Khim, Vol XXII, No 4,
USSR, Apr 1952, pp 604-610, CIA D 172-46

Consultants Bureau

Scientific - Chemistry

Dec 53 CTS

7551

On the Mechanism of Iodoxidation of Unsaturated
Compounds, by V. I. Esafov.

RUSSIAN, mo per, Zhur Prik Khim, No 12, 1939, pp
1387- 1392. CIA D 472 474

AEC Tr 1109

Sci - Chemistry

Jan 52 CTS

A 2258

The Chemistry of Onium Compounds. III. A Study of the Thermal Decomposition of Reaction Products of Tetrahydrofuran, 2-Methylfuran, Pyrrole, and Thiophene with Magnesium Iodide Dietherate and with Magnesium Iodide by V. I. Esslov, G. I. Yakunina, 3540 pp.

RUSSIAN, per. Zhur Obshch Khim, Vol. XXX, No. 12, 1956, pp. 3572-3575

CC

Sci
Oct 61

177.525

The Chemical Structure of the Hydrocarbon $C_{12}H_{14}$ and
the Synthesis of New Phenylated 1,3-Diene Hydrocarbons
VII., by V. I. Ezafov, 7 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXVII, No 10,
1957, pp 2667-2675.

Consultants Bureau

Sci - Chem
Jan 59

78,948

ESAFON, V.I.

Dienes with a quaternary carbon
atom detection by the McIlhenny
method of halogenation.

"Zhur Obsh. Khim" 15, 1945, 1001-06

VOC 622

A 7259

Introduction of the African Snail, *Achatina Fulica*
introduced Into Japan, Especially Micronesia and
Subsequent Developments, by Teiso Esaki, Keizo
Akahashi.

JAPANESE, per, Kagaku Nanyo, Vol IV, No 3, 1942,
p 16-25.

Dept of Interior
Q11, E78, No 16

Sci - Biology
ct 60

128,651

The Efferent Control of Receptors (On the Example of the Chemoreceptors of the Tongue), by A. I. Esakov, 6 pp.

RUSSIAN, per, Byul Eksper Biol i Med, Vol LI,
No 3, 1961, pp 3-7.

CB KICKER

XXXXXXXXXXXXXXXXXXXX

XXXXXXXXXXXXXXXXXXXX

Sci
Aug 52

208,139

REFERENCES

Solubilities of Hexane, Cyclohexane, and Benzene
in Compressed Ethylene, by T. P. Zhurba, A. S
Zhurba, E. A. Esakov, 4 pp

RUSSIAN, per, Iz Ak Nauk SSSR, Otdel Khim Nauk,
No 2, 1960, pp 361-363

CB

Sci
Apr 61

145,397

The Loop Antenna. I. Inductance Capacity, Natural
Period and Its Harmonics, by A. Esau, 47 pp.

GERMAN, per, Jahrb Drahtl Telegraphie u Telephonie,
Vol XVI, Sep 1920, pp 162-.

SLA Tr 57-2416

Sci

Aug 58

68,684

Transmissivity of Wire Grids for Electric Waves,
by A. Esau, et al, 7 pp.

GERMAN, par, Hochfrequenztechnik und Elektro-
akustik, Vol LIII, no 4, Apr 1939, pp 113-115.

S.L.A. Tr 157

32,883

ESur - Germany
Scientific - Electricity

The Winter Dormancy of Buds and Frost Resistance of Nut-
bearing Trees, by G. S. Esayan, 5 pp.

RUSSIAN, per, Fiz Rasteniy, Vol V, No 5, 1958,
pp 463-467.

Amer Inst of Biol Sci

Sci - Biol
Jul 59

91,530

Oxidation of Cyclooctatetraene to Terephthalic
Acid, by V. D. Ananyan & G. T. Bayan, 2 pp.

Full tr

RUSSIAN, no par, Zhur Obshch Khim, Vol XXVI, No 2,
1956, pp 599-600. CIA 9007073 C, Reel No 46 46

Consultants Bureau

Sol - Chemistry
Dec 56 CTB

41,727

~~Transposing to another source in Mexico operations~~
Based on Agitation, by M. Enayan.
HUMANIAN, per, Revista de Cultura, Vol 12, No 2,
1961, pp 70-75.
HTC 69-15533-07A

M. Enayan

Sci-Chem
Dec 69

398,421

Aeroflot - A Resume of the Soviet Airline, ~~XXXX~~
by F. Escabasse, 10 pp. UNCLASSIFIED

FRENCH, per, Forces Aeriennes Francaises,
Jan 1958, Encl to IR-260-58, OAIR, Paris.

AF 1166134

USSR
Econ - Commercial aviation
Apr 58

62,552

B. ESCAIG

SECRET

23.44.2

(DC-3801)

The Nature and Character of the Cuban Revolution, by Anibal Escalante, 27 pp.

SPANISH, per, Principios, No 84,
Aug 1961, pp 27-52.

JPRS 11159

LA - ~~HEATH~~ Chile
Pol
Dec 61

176,260

THE FUNDAMENTAL PART OF REVOLUTIONARY PREPARATION, BY
CEDAR ESCALANTE, 11 PP.

SPANISH, FOR, CUBA SOCIALISTA, 1963, PP 18-31.

JPMB 319709

LA-CUBA
FDL
NOV 63

241,876

... Study of Phagocytic Ulcers in
Venezuela, by J. A. Mendez Escalante, 18 pp.

SPANISH, per, Gaz Med Caracas, Vol XLII, ¹⁹³⁴ pp 376-389, 1935,
Vol XLII, pp 12-16, 46-48.

SLA 57-1532

Sci - Medicine

Mar 58

60,432

Study of the "Free" and "Bound" Acetylcholine
Content in Normal and Pathological Cerebrospinal
Fluids, by G. Escalar, et al.
ITALIAN, per, Sist. Nerv. No 5, 1957, pp 379-382.
REF ID: A6-64-66 (On loan)

G. Escalar

Sci/B&M
Jan 67

317,995

Vacuum Forming Thermoplastics, by E. Escales, 24 pp.

GERMAN, per, Kunststoffe, Vol XLIV, 1954, pp 562-568.

SLA 57-1327

Sci
May 58

64,030

The Influence of Certain Parameters on a Sudden
Flood Wave Downstream From a Dam, by
Escaude, Castex, Nougare, and Barthet, 16 pp.

UNKNOWN, bk, pp 563-575.

Army Map Service

Sci - Engr

19 Jun 62

200, 996

Studies on Weirs, by L. Escande.
GERMAN, per, Essen-Wirtschaft, Vol 52, No 12,
1962, pp 333-340.
HTC 69-15636-138

L. Escande

Sci. Tech
Dec 69

398,451

Spillways with Suction Slots, - by L. Escande.

FRENCH, per, Le Genie Civil, Vol CXXIX, ~~HS 2~~
No 8, Apr 1952, pp 145-148; ~~XXXXX~~ Vol CXXIX,
No 9, May 1952, pp 164-167. ~~F~~

OCE 53-12

Sci - Engineering

30,947

Concerning of a ne-airant, cylindrical, Discharge
Pipe, by Leopold Escande.

FRANCE, Proceedings of the Academie des Sciences,
17 March 1941, pp 428-431.

USA Corps of Engr, Waterways Exper Sta Tr 46-3

Sci - Engineering, hydraulics, naval
Econ - Transportation, river, water

Available on loan at Research Center Library

A-2060

Part A: Investigations of the Flow of Water Between
Bridge Piers. Part B: Note on the Calculation of
an Eddy Caused by a Bridge Pier, by Leopold Escande.

FRENCH. Le Genie Civil, A: Vol 115, Nos 6, 7,
5, 12 August 1939, pp 113-117, 138-140; B: Vol 115,
No 13, 23 September '39, pp 259-260.

USA Corps of Engr, Waterways Exper Sta Tr 39-44

Sci - Engineering, hydraulics, naval
Econ - Transportation, river, water

Available on loan at Research Center Library

ON THE USE OF AERODYNAMIC PROFILES FOR PIERS OF OVER-
fall Weirs, Movable Dams, and Bridges, by Leopold
Escance and G. Sabathe.

FRENCH, Revue Generale de l'Hydraulique, No 10,
July-August 1936, pp 3-12.

USA Corps of Engr, Waterways Exper Sta Tr 40-11

Sci - Engineering, hydraulics, naval
Econ - Transportation, river, water

Available on loan at Research Center Library

J-67/63

The New Ideology of the Ex-Communist Pellecer, by
Raul Escarcega. (DC-8394)

SPANISH, np, Excelsior, 26 Dec 1962.

*JPRS

LA xxPnx- Guatemala

Pol

17 Jan 63

61-25653

Escarfail, J. P. and Simon, W.
THE PROGRAMMED CALCULATION OF TITRATION
CURVES. Pt. 1. of Acid-Base Equilibria. [1961] 9p.
Order from ATS \$10.00 ATS-71N54G

Trans. of Helv[etica] Chim[ica] Acta (Switzerland)
1961, v. 44, p. 977-985.

DESCRIPTORS: *Acid-base equilibrium, *Titration,
Programming.

- I. Escarfail, J. P.
- II. Simon, W.
- III. ATS-71N54G
- IV. Associated Technical
Services, Inc.,
East Orange, N. J.
- V. Title: Acid-Base...

(Chemistry--Physical, TT, v. 6, no. 11)

Office of Technical Services

Increase in the Productivity of Open-Hearth
Furnaces Through Aerodynamic Investigations, by
H. J. Darmann, A. Esch, H. Moller.

GERMAN, per, Stahl und Eisen, Vol LXXXI,
8x 3 Aug 1961, pp 1057-1062.

BISI 2636

Sci - Engr

210,855

Sep 62

list 148

A New Test Method for Hardened Phenol Resins for
Analysis and Determination of the Structure, by
W. Esch, R. Nitsche, 6 pp.

GERMAN, per, Wiss u Tech, Vol VII, 1938, pp 249,
250, 252, 253.

SLA Tr 57-1054

Sci - Chemistry
Feb 58

58, 525

Manufacture of Driving Belts and Conveyer Belts
from Rubberized fabric, by W. Ksch, 2 pp.

GERMAN, per, Gummi-u Asbest Ztg, No 23/24, 1936.

64A 2856

Sci
May 58

64,032

✓
Molecular Flow at Very Low Pressures, by H. L.
Eschbach, R. Jaechel, et al, 11 pp.

GERMAN, per, Congress on Vacuum Science and
Technology, Vol VIII, 1962, pp 1110-1115.

AERE-Harwell-Tr-944

Sci - Phys

Aug 63

34 3,644

✓
Molecular Flow ~~at~~ Very Low Pressures, by H. L.
Eschbach, R. Jasekel, et al, 11 pp.

GERMAN, per, Congress on Vacuum Science and
Technology, Vol VIII, 1962, pp 1110-1115.

AERE-Harwell-Tr-944

Sci - Phys

Aug 63

342,644

Molecular Flow at Very Low Pressures, by H. L. Eschbach,
R. Jaeschel, et al, 11 pp.

GERMAN, per, Congress on Vacuum Science and Technology,
Vol II, 1962, pp 1110-1115. 921069

AERE-Harwell-Pr-944

Sci - Phys

Oct 63

345, 213

Molecular Flow at Very Low Pressures, by H. L. ~~XXXXXXXX~~
Eschbach, R. Jaeckel, et al, ~~11/11/61~~

per,

GERMAN, ~~XXX~~, Congress on Vacuum Science and
Technology, Vol II, 16-19 Oct 1961, pp 1110-1115.

92/3069

*AERE Harwell

TR No ~~1782~~ //

Sci - Phys

20 Feb 1963

Influence of Reserpine on Rat Paw Edema Induced
by Chicken Albumin, by W. Riechert, O. Eschbach,
4 pp. Eschbach,

GERMAN, per, Arzneimittel-Forsch, Vol V,
May 1955, pp 295-296.

SLA Tr 2676

Sci - Biology
Nov 57

54, 829

Lateral Control by Spoilers at the DVL, by M. Kramer,
Th. ~~Zobel~~ Zobel, C. G. Esche, 82 pp.

GERMAN, Zentrale fuer Wissenschaftliches Berichtswesen
der Luftfahrtforschung, Berlin, Aug 1951.

NACA TM 1307

A 026

A New, Efficient Ultrasonic Installation of
Wider Cleaning Range for Large-Surface-
Cleaning, by R. Esche, P. Wenk, 8 pp.

GERMAN, per, Zeitschrift Siemens, Vol XXXI,
No 9, 1957, pp 469-472.

SLA 59-16345

Sci
Sep 61

169, 128

Method and Apparatus for Emulsification of Liquids, by
R. Esche, E. Schaeffler, 5 pp.

GERMAN, Patent No 960,272, granted 28 Feb 1957, publ
21 Mar 1957.

ATB-401342

119,055

Sci
Jun 60
Vol III, No 5

Examination of the Cavitation by Sound in Liquids,
by R. Esche.

GERMAN, per, Z Akust Beih, No 4, 1952, pp 208-218.

SLA 57-2408

May 58

TIA TSCB

63,178

Appraisal of Behavior of Ores and Sinters in
Blast Furnace, by P. Dickens, W. v. d. Esche,
J. Willems.

GERMAN, per, Stahl und Eisen, Vol LXXIX, No 13,
1959, pp 905-917.

HD 4662

Sci - Min/Met

Apr 60

114,269

Desulfurization of Pig Iron With Powdered
Lime Outside the Blast Furnace, by W. Secho,
M. Hunka.

GERMAN, per, Stahl und Eisen, Vol LXXVIII,
Feb 1903, pp 270-281.

BISI 3210

Sci - M/M
Aug 53

34,470

Study of the Behavior of Iron Ores During
Sintering. Part II (Concluding), by H.
vor dem Eschke, O. Steinhauer.

GERMAN, year, Archiv Eisenhuettenwesen, Vol XX,
No 4, 1959, pp 195-198.

HB 4725

Sci - Min/Met

Feb 60

108,514

Esche, V. [Helmut] [or] [Johann] Haucke, M. and others.
DESULFURIZATION OF PIG IRON WITH FINE LINE
OUTSIDE THE BLAST FURNACE. Lecture presented
at the Eisenhüttenstag, Düsseldorf, 1962. Jan 63
[13]p.

Order from SLA \$1.60

63-16339

Trans. of unidentified German mono., n.p., n.d.

DESCRIPTORS: *Metallurgy, *Iron, *Sulfur, *Calcium
compounds, *Oxides, Sodium compounds, Carbonates,
Slags, Blast furnaces, Open hearth furnaces, Separation,
Cast iron, *Desulfurization.

63-16339

I. Esche, V. vor dem
II. Haucke, M.
III. Title: Eisenhüttenstag...

A242824

(Metallurgy--Ferrous Metals, TT, v. 10, no. 5)

Office of Technical Services

The Relation Between the Mechanism of Formation
of Tectonic Trough Faults and Volcanism, by
B. G. Escher, 20pp
FRANCE, par, Bulletin Volcanologique, Vol 12,
ser 2, pp 33-47
SLA 11-63-20761

B. G. Escher

Sci - IS
June 67

329,433

Behavior of Soviet Progress in Atlantic Ocean.
by P. Deane, J. Hachar, 15 p.
GERMAN, pub. Science 2, Springer, Vol. 10, 1962.
pp 31-51. 100145162-7
Dept of Navy OMI to 2355

Sci/1111
ANG 68

361.403

Eschle, K.

SPECTROPHOTOMETRIC DETERMINATION OF
NICOTINE. 1962, 7p.

Order from K-H 58,75

K-H 9929-a

Trans. of Mitteilungen aus dem Gebiete der
Lebensmitteluntersuchungen und Hygiene (Switzerland)
1959, v. 50, p. 255-263.

DESCRIPTORS: Nicotine, Determination, Spectro-
photometers.

(Chamber of Agriculture, T.L. v. 7, no. 12)

62-12753

62-16677

- I. Eschle, K.
- II. K-H-9929-a
- III. Kresge-Hooker Science
Library Associates,
Detroit, Mich.

209245

Office of Technical Services

Eschle, K.
FILTRATION AND POROSITY IN CIGARETTE
FILTERS. [1963] 9p 12 refs
Order from SLA \$1.10

63-20127

63-20127

I. Eschle, K.

Trans. of Mit[teilungen aus dem] Geb[iete der]
Lebensmitteluntersuch[ungen und] Hyg[iene]
(Switzerland) 1960, v. 51, no. 1, p. 69-74.
Other translations are available from K-H \$11.25
as K-H-10402-c, 1962, 9p and from SLA \$1.10 as
63-16892 [1962] 9p.

DESCRIPTORS: *Cigaretts, *Smokes, Tobacco,
*Filters (Fluid), *Porosity.

1252511

Of all properties of cigarette filters and of tobacco
smoke examined, porosity seems to give the most
information about the mechanism of filtration. Porosity
is best described in terms of structure volume, pore
(Chemistry--Analytical, TT, v. 10, no. 10) (over)

Office of Technical Services

Eschle, K.
FILTERING AND PORE RATIOS IN CIGARETTE
FILTERS. 1962, 9p.
Order from K-H \$11.25 K-H 10402-c
Trans. of Mitteilungen aus dem Gebiete der
Lebensmitteluntersuchungen und Hygiene (Switzerland)
1960, v. 51, pp. 69-74.

DESCRIPTORS: *Tobacco, *Cigarettes, *Particulate
filters, Porosity.

(Biological Sciences--Pathology, TT, v. 7, no. 12)

62-12752

62-14892

- I. Eschle, K.
- II. K-H-10402-c
- III. Kresge-Dwyer Science
Library Associates,
Detroit, Mich.

209244

Office of Technical Services

A Study of Aluminum-Phosphate Flocculation as a
Processing Method of Weakly Radioactive Wastes, by
K. F. Eschle, 31 pp.

GERMAN, per, Neue Technik, Vol III, 1961, pp 5151-161.
9099899

9

AKC Tr-5045

Sci - Chem
May 62

196,777